

Figure 2A: IR Interface

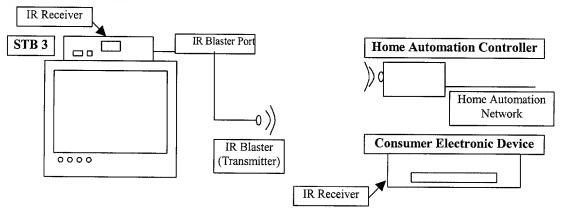


Figure 2B: RS-232 Serial Interface

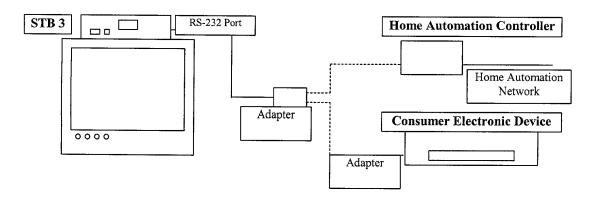


Figure 2C: Expansion Bus Interface

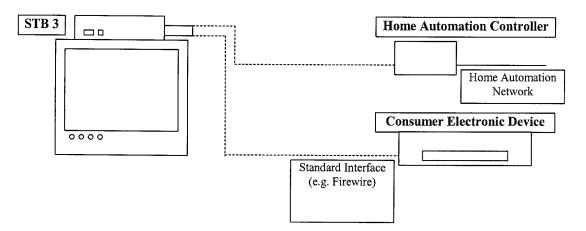


Figure 3

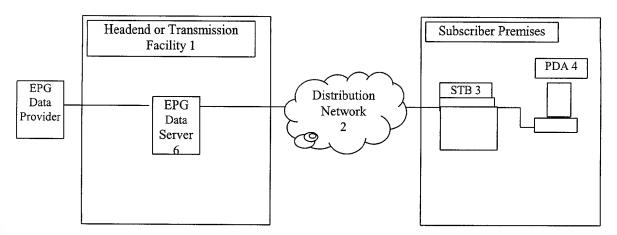


Figure 4A: IR Interface

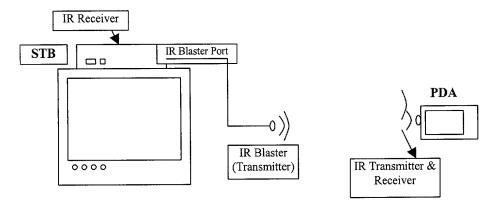


Figure 4B: RS-232 Serial Interface

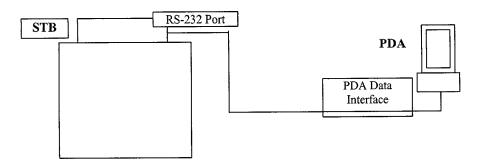
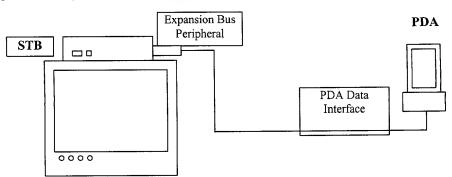


Figure 4C: Expansion Bus Interface



Headend or Transmission **Customer Premises** Facility 1 STB 3 Distribution **EPG** Internet **EPG** Internet Network 2 Data Tag Data PC 4 Provider Server Server TV **VCR** Other Consumer DVD Player Electronics Devices Internet Home Automated Network

Figure 5: System Overview

Figure 6A: IR Blaster to IR Receiver Interface

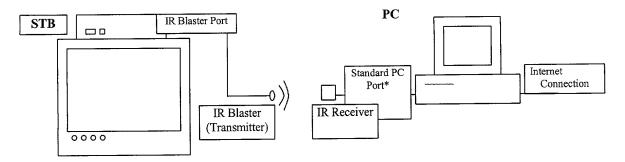


Figure 6B: Blaster Port Translator Interface

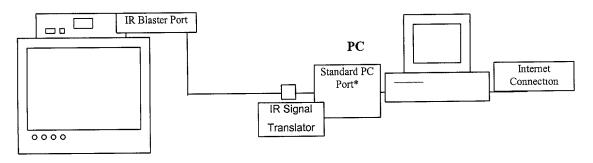


Figure 6C: RS-232 Serial Interface

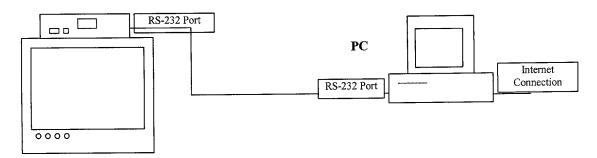


Figure 6D: Expansion Bus Interface

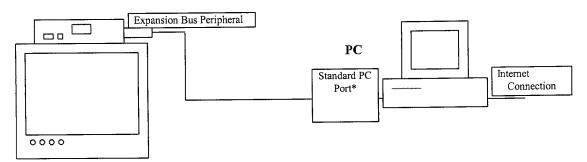
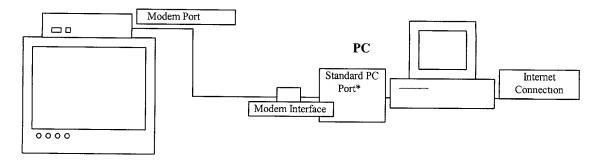


Figure 6E: Modem Interface



\*Examples of a standard PC port include RS-232, USB, Centronics, SCSI, Firewire or Ethernet.